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James Epperson  
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*James Epperson*  
Signature

April 29, 2004  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF

DUBOWCHIK ET AL.

APPLICATION NO: 10/812,245

FILED: MARCH 29, 2004

FOR: TETRAHYDROISOQUINOLINE DERIVATIVES AS MELATONIN  
MT2 ANTAGONISTS

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

This paper is being filed within three months of the filing date of the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.


In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

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Date: 4/29/2004

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
CT-2477 NP  
APPLICATION NO.  
10/812,245  
APPLICANT  
DUBOWCHIK ET AL.  
FILING DATE  
MARCH 29, 2004

Group



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,362,736	11/8/94	K. Ishikawa, et al			
	AB	5,124,337	6/23/92	S. Dugar, et al			
	AC	3,922,285	11/25/75	W. Leimgruber, et al			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
	AM	EP 501693A1	9/2/92	European Patent App.			<input type="checkbox"/>	<input type="checkbox"/>
	AN	DE 2214498	10/5/72	German Patent-English Equivalents U.S. Patents 3,726,924 and 3,922,285			<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	T. Itoh, et al, "Asymmetric Addition of Nucleophiles to C-1 Position of Isoquinolines Using (S)-Alanine Derivatives as Chiral Auxiliaries," TETRAHEDRON, 57, pp 8827-8839, 2001
	AS	I. Osante, et al, "Stereodivergent Synthesis of Hetero-Fused Isoquinolines by Acyliminium and Metallation Methods," EUR. J. ORG. CHEM., 7, pp 1267-1277, 2001
	AT	A.P. Venkov, et al, "Synthesis of 2-Acyl-1-Benzyl-, 1-Phenylethyl- and Spirobenzyltetrahydroisoquinolines," SYNTH. COMMUNICATIONS, 26(4), pp 755-762, 1996

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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AV	Z. Czarnocki, et al, "Enantioselective Synthesis of Isoquinoline Alkaloids: Phenylethylisoquinoline and Aporphine Alkaloids," CAN. J. CHEM., 65, pp 2356-2361, 1987
AW	J.P. Marino, et al, "Selective Catechol Oxidations with Diphenyl Selenoxide. Applications to Phenolic Coupling," TETRAHEDRON LETT., 35, pp 3253-3256, 1979
AX	S. Morris Kupchan, et al, "Efficient Intramolecular Monophenol Oxidative Coupling," J. ORG. CHEM., 43(21), pp 4076-4081, 1978
AY	S. Morris Kupchan, et al, "New Biogenetic-Type Approach to Cephalotaxus Alkaloids and the Mechanism of Schelhammera-Type Homoerythrinadienone Formation in Vitro," J. ORG. CHEM., 43(23), pp 4464-4468, 1978
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BA	S. Morris Kupchan, et al, "Intramolecular Nonphenol Oxidative Coupling of Phenethylisoquinolines," J. ORG. CHEM., 43(12), pp 2521-2529, 1978
BB	S. Morris Kupchan, et al, "Efficient Intramolecular Monophenol Oxidative Coupling," J. ORG. CHEM., 41(25), pp 4049-4050, 1976
BC	S. Morris Kupchan, et al, "Novel Nonphenol Oxidative Coupling of Phenethylisoquinolines," J. ORG. CHEM., 41(25), pp 4047-4049, 1976
BD	J.P. Marino, et al, "The Chemistry of Prohomoerythrinadienone I.," TETRAHEDRON LETT., 46, pp 4553-4556, 1973
BE	
BF	
BG	
BH	

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DATE CONSIDERED

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